Iloglu 2003-0125

IN THE SPECIFICATION:

Replace paragraph [007] with the following

[007] An advance in the art is realized in a network that supports VPNs, for example a multi-protocol label-switched network (MPLS), by allowing users in one VPN to communicate with users in another VPN in the course of executing a predefined application, such as VoIP. This capability is achieved dynamically by enabling a device that can communicate with the network elements that operate to normally prohibit inter-VPN communication to direct those network elements to enable such communication, at least for the purposes of the desired application. In the case of an MPLS network that supports VPNs and ~~in the case he~~ in the case the desired application being VoIP, the aforementioned device may be a combination of a route server and a call control element, and the aforementioned network elements are the edge routers of the MPLS network's provider, with edge routers' associated VRF (Virtual Routing Forwarding) tables.

Replace paragraph [016] with the following

[016] What Table 1 specifies is that when a packet arrives at PE 11, the packet's source address and destination address are examined. If a row entry in VRF table 18 is found that corresponds to this tuple then the route is identified and used for routing and forwarding the packet. Otherwise, the packet is discarded. For example, if system 31 (IP address 137.072.152.011) sends a packet to PE 11 that is destined to system 33 (IP address 201.123.122.002), the second row of the table is selected, route RT2 is identified, and packet is forwarded. If, however, system 31 sends a packet to PE 11 that is destined to system 34 (IP address 101.200.031.155), no corresponding row in ~~CRF~~ VRF table 18 is found, so the packet is discarded. A different set of routes (RT1' and RT2') is shown for a different system that is connected to CE 29, but typically the same set of routes would be employed (i.e., RT1'=RT1 and RT2'=RT2).

Replace paragraph [017] with the following

[017] The FIG. 1 arrangement also includes route server ~~100 within~~ 110 within network 100 that communicates with the PEs, and with call control element 200. In accord with the instant embodiment of this invention, one function of elements 110 and 200 is to

provide the ability to make inter-VPN connections for particular applications, in spite of the general prohibition against inter-VPN connections. Illustratively, elements 200 and 110 cooperate to allow VoIP connectivity over network 100.